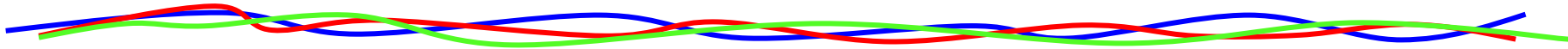


# Bump Index Definitions



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# Definition



## Japanese Test Method Manual

- Using **2m, 10m, 15m** straight edge
- Deepest distance is defined Bump Height

## Boeing Bump Index

- Using straight edge
- **Deepest / highest** distance is defined **Bump Height**
- Deepest / highest location is defined **Bump Location**
- Distance between Bump Location and contact location of straight edge is defined **Bump Length**

# Bump Index of BumpRecorder



## Combine definition for Bump Index

- Using 2m, 10m, 15m straight edge
- Deepest / highest distance is defined Bump Height
- Deepest / highest location is defined Bump Location
- Distance between Bump Location and contact location of straight edge is defined Bump Length

## **BumpRecorder** original definition for Bump Index

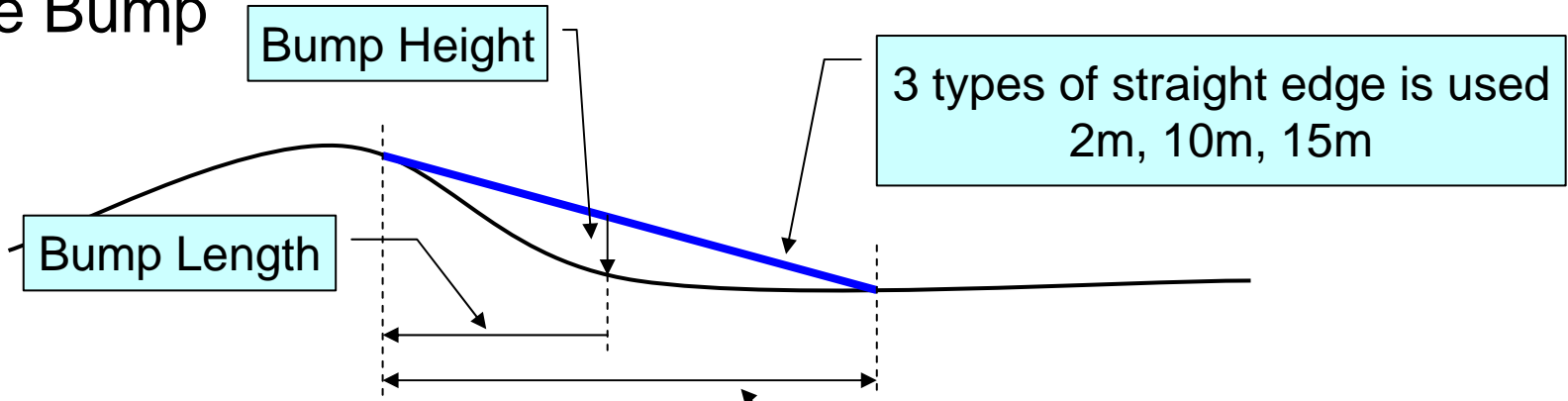
- Bump Width is defined distance between both contact point of straight edge and road surface.
- Deepest / highest Bump Height is selected in a same bump.
- Deepest Bump Height is positive, highest Bump Height is negative.



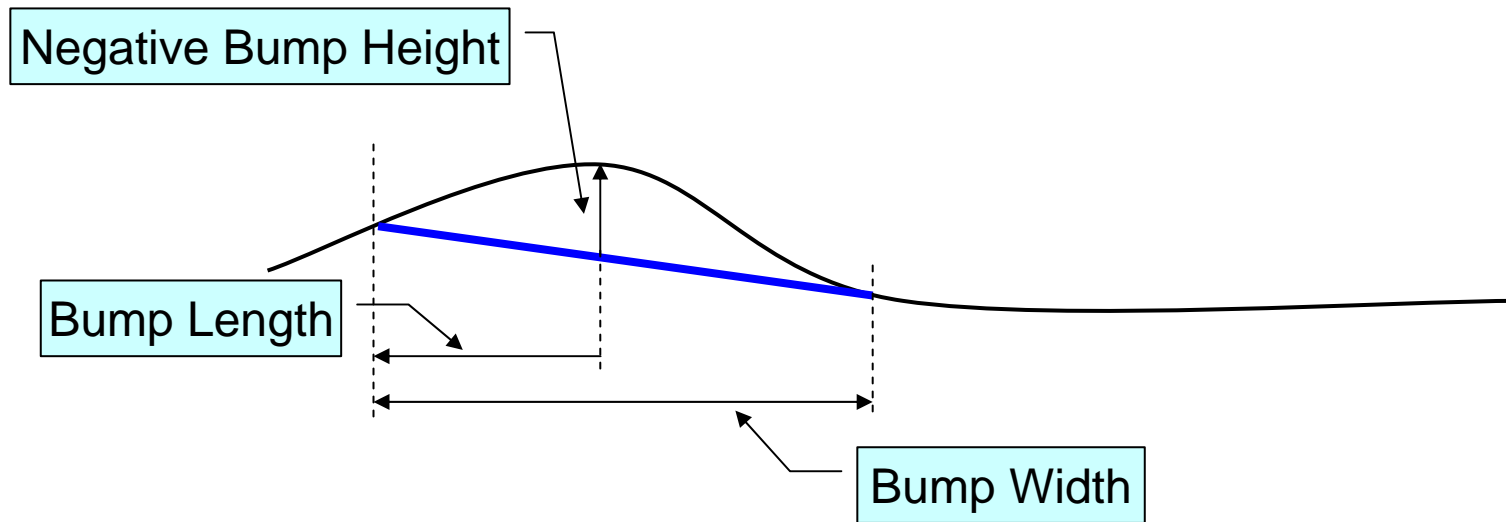
# Sample



## Positive Bump



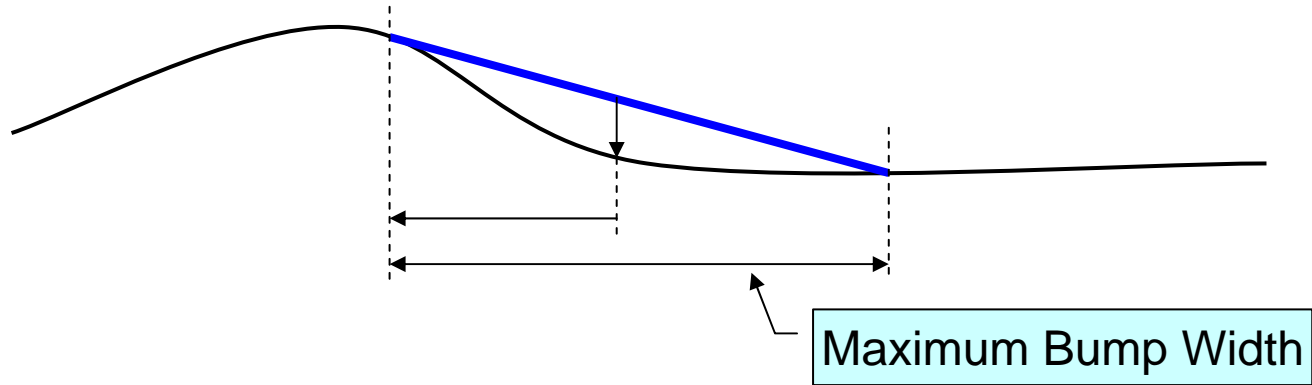
## Negative Bump



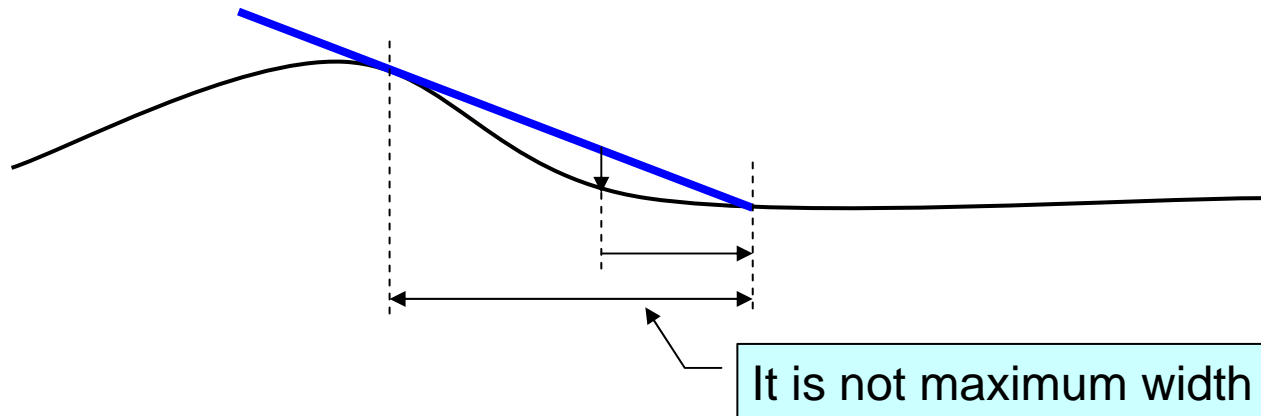
# Sample



Select



NOT select

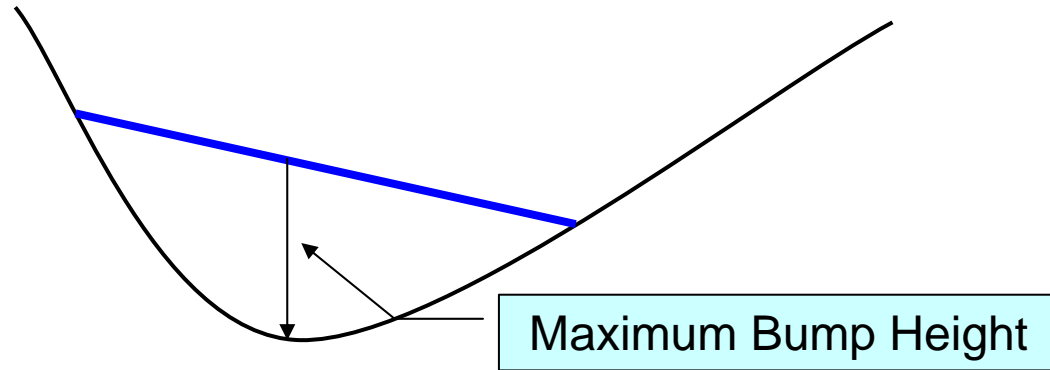




# Sample



Select



NOT select

